

## **Martin Water Labs Testing Services**

**Anions in Soil Ion Chromotography Performance Testing** 

Anions in Water Ion Chromotography DSL (Scale loop Test) - Scale Inhibitor **Heavy Metals In Water ICP** Non-Volitile Residual (NVR) Chemical

**Heavy Metals in Solids ICP** Corrosion Wheel Test (Constant Contact) - Amine Inhibitor

Heavy Metals in Foods and Pet Foods ICP Corrosion Wheel Test (Pre Film) - Amine Inhibitor

Organic Acids - Ion Chromotography

Water Formation Identification RCE Corrosion Test - Amine Inhibitor

Residential Services	General Parameters	Oil Field Services
BTEX in Water	Acidity (titration)	% oil/water breakout (BS & W)
Drinking Water Analysis	Alkalinity, Total	%Hydrocarbon
EPA Drinking Water	BOD	Acid, % HCL
Irrigation water	Carbon Dioxide (titrated)	Asphaltenes, % by weight
Livestock water	Chlorine, Total	BS & W
Oil and Grease (TPH)	COD-Chemical Oxygen Demand	Cloud Point
Soil Chloride	Conductivity	Complete Oil
Soil Sulfate	Cyanide, total/amenable - water	Complete Water Analysis
Soil TPH	DO - Dissolved Oxygen	Coupon Service
TPH in Water	Total Filtrable Solids	Corrosion Tubing Failure Analysis
VOC (method 8260B)	Hydrogen Sulfide in water (X)	Extended Chromatographic Analys
	Iodide	Fingerprint-oil
	Iodine	Freezing point
BACTERIA	Millipore	Hydrogen Sulfide/ Mercaptans In Crude
Acid Producing bacteria (APB)	Nitrate	Iron/Manganese
Algae	Nitrogen, Kjeldahl,	Melting Point
ATP Bacteria	Phosphorus, Total (ICP)	Microscopic Exam. of Solids

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Bacteria Kill Studies Resistivity Oil Gravity Fecal Coliform Bacterial test Scaling Tendencies Oil Gravity, °API

Heterotrophic Bacteria (GHB) Solids/Scale Analysis Organic Acids - Ion Chromotography

Individual Bacterium Sulfide, H2S in water (chemett) ORP

MPN - Most Probable Number Fecal **TDS-Total Dissolved Solids** Paraffin, % by weight Sulfate-Reducing bacteria (SRB) TIC-Total Inorganic Carbon Particle Sizing (Microscopic)

**Total Bacteria** TOC - Total Organic Carbon Pour Point

Total Coliform & E-Coli TSS - Total Suspended Solids RESIDUALS:Amine

> RESIDUALS: Chlorine residual Turbidity-NTU Formation Comparison **RESIDUALS:Phosphate Residual**

**HERBICIDES** Resin, % by weight

HERBICIDES:8151 (Agent Orange) 24 D Soil Chloride HERBICIDES:Glyphosphate (Round Up) Soil Sulfate Oll & Grease - water Soil TPH